

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (canceled)
2. (currently amended) A process according to Claim 10, wherein the ~~mould~~ mold cavity is evacuated while the casting chamber is being filled.
3. (previously presented) A process according to claim 10, wherein the chamber valve is hydraulically controlled.
4. (previously presented) A process according to claim 2, wherein the chamber valve is hydraulically controlled.
5. (previously presented) A die casting mold according to claim 9, further comprising a casting plunger associated with one end of the casting chamber, and the opening between the casting chamber and the injection channel lies opposite to the casting plunger.
6. (currently amended) A die casting mold according to claim ~~10~~ 9, wherein the chamber valve is provided with a seal.
7. (currently amended) A die casting mold according to claim ~~10~~ 9, wherein the chamber valve is connected via a plunger rod with a hydraulic element in such a way that temperatures of the chamber valve and hydraulic element are different.
8. (previously presented) A die casting mold according to claim 6, wherein the chamber valve is connected via a plunger rod with a hydraulic element in such a way that temperatures of the chamber valve and hydraulic element are different.

9. (currently amended) A die casting mold for the production of cast parts from metals and/or their alloys, comprising:
- a mold cavity having at least first and second sides;
 - a casting chamber;
 - an injection channel;
 - an isolation valve positioned at the first side of the mold cavity;
 - a vacuum device for evacuation of the mold cavity and injection channel through the isolation valve; and
 - a chamber valve movable to control an opening between the casting chamber and the injection device channel and being positioned at the second side of the mold cavity.
10. (currently amended) A process for vacuum die casting metals and/or metal alloy parts with a die casting mold, the die casting mold including a mold cavity having first and second sides, a casting chamber, an injection channel, a vacuum device, an isolation valve, and a chamber valve distinct from the isolation valve that is positioned between the casting chamber and the injection channel, comprising:
- evacuating the mold cavity and injection channel through the isolation valve with the vacuum device at the first side of the mold cavity;
 - filling the casting chamber completely with metal melt; and
 - filling the mold cavity with molten melt from the casting chamber through the chamber valve at the second side of the mold cavity after the evacuating step.
11. (new) A die casting mold for the production of cast parts from metals and/or their alloys, comprising:
- a mold cavity;
 - a casting chamber;
 - an injection channel;
 - an isolation valve configured to function independent of the casting chamber;
 - a vacuum device for evacuation of the mold cavity and injection channel through the isolation valve; and

a chamber valve movable within the casting chamber to control an opening between the casting chamber and the injection channel, the chamber valve being operable independent of the isolation valve.